

# Global SiC Diodes Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G0360AF8A5A5EN.html>

Date: July 2024

Pages: 159

Price: US\$ 3,200.00 (Single User License)

ID: G0360AF8A5A5EN

## Abstracts

### Report Overview:

Silicon Carbide schottky diodes have the advantage of silicon carbide compound's superior physical characteristics over Si, with 4 times better dynamic characteristics and 15% less forward voltage. They have the lowest reverse recovery time (trr) compared to the various types of fast recovery, ultrafast recovery, and super-fast recovery diodes. They also have the lowest forward voltage drop (VF). Silicon carbide is a compound semiconductor with more high level power characteristics than silicon, including a bandgap approximately three times greater, a dielectric breakdown field 10 times higher, and a thermal coefficient three times larger.

The Global SiC Diodes Market Size was estimated at USD 616.30 million in 2023 and is projected to reach USD 2622.80 million by 2029, exhibiting a CAGR of 27.30% during the forecast period.

This report provides a deep insight into the global SiC Diodes market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global SiC Diodes Market, this report introduces in detail the market share, market

performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the SiC Diodes market in any manner.

## Global SiC Diodes Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

STMicroelectronics

Infineon

Wolfspeed

Rohm

onsemi

Microchip (Microsemi)

Mitsubishi Electric (Vincotech)

Semikron Danfoss

Fuji Electric

Navitas (GeneSiC)

Toshiba

Qorvo (UnitedSiC)

San'an Optoelectronics

Littelfuse (IXYS)

CETC 55

WeEn Semiconductors

BASiC Semiconductor

SemiQ

KEC Corporation

PANJIT Group

Nexperia

Vishay Intertechnology

Zhuzhou CRRC Times Electric

China Resources Microelectronics Limited

Yangzhou Yangjie Electronic Technology

Changzhou Galaxy Century Microelectronics

Market Segmentation (by Type)

SiC Diodes Discrete

SiC Diodes Power Module

Market Segmentation (by Application)

Automotive & EV/HEV

EV Charging

Industrial Motor/Drive

PV, Energy Storage, Wind Power

UPS, Data Center & Server

Rail Transport

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the SiC Diodes Market

Overview of the regional outlook of the SiC Diodes Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights,

product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

### Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the SiC Diodes Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of SiC Diodes
- 1.2 Key Market Segments
  - 1.2.1 SiC Diodes Segment by Type
  - 1.2.2 SiC Diodes Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 SiC DIODES MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global SiC Diodes Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global SiC Diodes Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 SiC DIODES MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global SiC Diodes Sales by Manufacturers (2019-2024)
- 3.2 Global SiC Diodes Revenue Market Share by Manufacturers (2019-2024)
- 3.3 SiC Diodes Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global SiC Diodes Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers SiC Diodes Sales Sites, Area Served, Product Type
- 3.6 SiC Diodes Market Competitive Situation and Trends
  - 3.6.1 SiC Diodes Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest SiC Diodes Players Market Share by Revenue
  - 3.6.3 Mergers & Acquisitions, Expansion

### **4 SiC DIODES INDUSTRY CHAIN ANALYSIS**

- 4.1 SiC Diodes Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials



- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF SiC DIODES MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 SiC DIODES MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global SiC Diodes Sales Market Share by Type (2019-2024)
- 6.3 Global SiC Diodes Market Size Market Share by Type (2019-2024)
- 6.4 Global SiC Diodes Price by Type (2019-2024)

## **7 SiC DIODES MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global SiC Diodes Market Sales by Application (2019-2024)
- 7.3 Global SiC Diodes Market Size (M USD) by Application (2019-2024)
- 7.4 Global SiC Diodes Sales Growth Rate by Application (2019-2024)

## **8 SiC DIODES MARKET SEGMENTATION BY REGION**

- 8.1 Global SiC Diodes Sales by Region
  - 8.1.1 Global SiC Diodes Sales by Region
  - 8.1.2 Global SiC Diodes Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America SiC Diodes Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada

- 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe SiC Diodes Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific SiC Diodes Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America SiC Diodes Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia
- 8.6 Middle East and Africa
  - 8.6.1 Middle East and Africa SiC Diodes Sales by Region
  - 8.6.2 Saudi Arabia
  - 8.6.3 UAE
  - 8.6.4 Egypt
  - 8.6.5 Nigeria
  - 8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

- 9.1 STMicroelectronics
  - 9.1.1 STMicroelectronics SiC Diodes Basic Information
  - 9.1.2 STMicroelectronics SiC Diodes Product Overview
  - 9.1.3 STMicroelectronics SiC Diodes Product Market Performance
  - 9.1.4 STMicroelectronics Business Overview
  - 9.1.5 STMicroelectronics SiC Diodes SWOT Analysis
  - 9.1.6 STMicroelectronics Recent Developments
- 9.2 Infineon
  - 9.2.1 Infineon SiC Diodes Basic Information

- 9.2.2 Infineon SiC Diodes Product Overview
- 9.2.3 Infineon SiC Diodes Product Market Performance
- 9.2.4 Infineon Business Overview
- 9.2.5 Infineon SiC Diodes SWOT Analysis
- 9.2.6 Infineon Recent Developments
- 9.3 Wolfspeed
  - 9.3.1 Wolfspeed SiC Diodes Basic Information
  - 9.3.2 Wolfspeed SiC Diodes Product Overview
  - 9.3.3 Wolfspeed SiC Diodes Product Market Performance
  - 9.3.4 Wolfspeed SiC Diodes SWOT Analysis
  - 9.3.5 Wolfspeed Business Overview
  - 9.3.6 Wolfspeed Recent Developments
- 9.4 Rohm
  - 9.4.1 Rohm SiC Diodes Basic Information
  - 9.4.2 Rohm SiC Diodes Product Overview
  - 9.4.3 Rohm SiC Diodes Product Market Performance
  - 9.4.4 Rohm Business Overview
  - 9.4.5 Rohm Recent Developments
- 9.5 onsemi
  - 9.5.1 onsemi SiC Diodes Basic Information
  - 9.5.2 onsemi SiC Diodes Product Overview
  - 9.5.3 onsemi SiC Diodes Product Market Performance
  - 9.5.4 onsemi Business Overview
  - 9.5.5 onsemi Recent Developments
- 9.6 Microchip (Microsemi)
  - 9.6.1 Microchip (Microsemi) SiC Diodes Basic Information
  - 9.6.2 Microchip (Microsemi) SiC Diodes Product Overview
  - 9.6.3 Microchip (Microsemi) SiC Diodes Product Market Performance
  - 9.6.4 Microchip (Microsemi) Business Overview
  - 9.6.5 Microchip (Microsemi) Recent Developments
- 9.7 Mitsubishi Electric (Vincotech)
  - 9.7.1 Mitsubishi Electric (Vincotech) SiC Diodes Basic Information
  - 9.7.2 Mitsubishi Electric (Vincotech) SiC Diodes Product Overview
  - 9.7.3 Mitsubishi Electric (Vincotech) SiC Diodes Product Market Performance
  - 9.7.4 Mitsubishi Electric (Vincotech) Business Overview
  - 9.7.5 Mitsubishi Electric (Vincotech) Recent Developments
- 9.8 Semikron Danfoss
  - 9.8.1 Semikron Danfoss SiC Diodes Basic Information
  - 9.8.2 Semikron Danfoss SiC Diodes Product Overview

- 9.8.3 Semikron Danfoss SiC Diodes Product Market Performance
- 9.8.4 Semikron Danfoss Business Overview
- 9.8.5 Semikron Danfoss Recent Developments
- 9.9 Fuji Electric
  - 9.9.1 Fuji Electric SiC Diodes Basic Information
  - 9.9.2 Fuji Electric SiC Diodes Product Overview
  - 9.9.3 Fuji Electric SiC Diodes Product Market Performance
  - 9.9.4 Fuji Electric Business Overview
  - 9.9.5 Fuji Electric Recent Developments
- 9.10 Navitas (GeneSiC)
  - 9.10.1 Navitas (GeneSiC) SiC Diodes Basic Information
  - 9.10.2 Navitas (GeneSiC) SiC Diodes Product Overview
  - 9.10.3 Navitas (GeneSiC) SiC Diodes Product Market Performance
  - 9.10.4 Navitas (GeneSiC) Business Overview
  - 9.10.5 Navitas (GeneSiC) Recent Developments
- 9.11 Toshiba
  - 9.11.1 Toshiba SiC Diodes Basic Information
  - 9.11.2 Toshiba SiC Diodes Product Overview
  - 9.11.3 Toshiba SiC Diodes Product Market Performance
  - 9.11.4 Toshiba Business Overview
  - 9.11.5 Toshiba Recent Developments
- 9.12 Qorvo (UnitedSiC)
  - 9.12.1 Qorvo (UnitedSiC) SiC Diodes Basic Information
  - 9.12.2 Qorvo (UnitedSiC) SiC Diodes Product Overview
  - 9.12.3 Qorvo (UnitedSiC) SiC Diodes Product Market Performance
  - 9.12.4 Qorvo (UnitedSiC) Business Overview
  - 9.12.5 Qorvo (UnitedSiC) Recent Developments
- 9.13 San'an Optoelectronics
  - 9.13.1 San'an Optoelectronics SiC Diodes Basic Information
  - 9.13.2 San'an Optoelectronics SiC Diodes Product Overview
  - 9.13.3 San'an Optoelectronics SiC Diodes Product Market Performance
  - 9.13.4 San'an Optoelectronics Business Overview
  - 9.13.5 San'an Optoelectronics Recent Developments
- 9.14 Littelfuse (IXYS)
  - 9.14.1 Littelfuse (IXYS) SiC Diodes Basic Information
  - 9.14.2 Littelfuse (IXYS) SiC Diodes Product Overview
  - 9.14.3 Littelfuse (IXYS) SiC Diodes Product Market Performance
  - 9.14.4 Littelfuse (IXYS) Business Overview
  - 9.14.5 Littelfuse (IXYS) Recent Developments

## 9.15 CETC

- 9.15.1 CETC 55 SiC Diodes Basic Information
- 9.15.2 CETC 55 SiC Diodes Product Overview
- 9.15.3 CETC 55 SiC Diodes Product Market Performance
- 9.15.4 CETC 55 Business Overview
- 9.15.5 CETC 55 Recent Developments

## 9.16 WeEn Semiconductors

- 9.16.1 WeEn Semiconductors SiC Diodes Basic Information
- 9.16.2 WeEn Semiconductors SiC Diodes Product Overview
- 9.16.3 WeEn Semiconductors SiC Diodes Product Market Performance
- 9.16.4 WeEn Semiconductors Business Overview
- 9.16.5 WeEn Semiconductors Recent Developments

## 9.17 BASiC Semiconductor

- 9.17.1 BASiC Semiconductor SiC Diodes Basic Information
- 9.17.2 BASiC Semiconductor SiC Diodes Product Overview
- 9.17.3 BASiC Semiconductor SiC Diodes Product Market Performance
- 9.17.4 BASiC Semiconductor Business Overview
- 9.17.5 BASiC Semiconductor Recent Developments

## 9.18 SemiQ

- 9.18.1 SemiQ SiC Diodes Basic Information
- 9.18.2 SemiQ SiC Diodes Product Overview
- 9.18.3 SemiQ SiC Diodes Product Market Performance
- 9.18.4 SemiQ Business Overview
- 9.18.5 SemiQ Recent Developments

## 9.19 KEC Corporation

- 9.19.1 KEC Corporation SiC Diodes Basic Information
- 9.19.2 KEC Corporation SiC Diodes Product Overview
- 9.19.3 KEC Corporation SiC Diodes Product Market Performance
- 9.19.4 KEC Corporation Business Overview
- 9.19.5 KEC Corporation Recent Developments

## 9.20 PANJIT Group

- 9.20.1 PANJIT Group SiC Diodes Basic Information
- 9.20.2 PANJIT Group SiC Diodes Product Overview
- 9.20.3 PANJIT Group SiC Diodes Product Market Performance
- 9.20.4 PANJIT Group Business Overview
- 9.20.5 PANJIT Group Recent Developments

## 9.21 Nexperia

- 9.21.1 Nexperia SiC Diodes Basic Information
- 9.21.2 Nexperia SiC Diodes Product Overview

- 9.21.3 Nexperia SiC Diodes Product Market Performance
- 9.21.4 Nexperia Business Overview
- 9.21.5 Nexperia Recent Developments
- 9.22 Vishay Intertechnology
  - 9.22.1 Vishay Intertechnology SiC Diodes Basic Information
  - 9.22.2 Vishay Intertechnology SiC Diodes Product Overview
  - 9.22.3 Vishay Intertechnology SiC Diodes Product Market Performance
  - 9.22.4 Vishay Intertechnology Business Overview
  - 9.22.5 Vishay Intertechnology Recent Developments
- 9.23 Zhuzhou CRRC Times Electric
  - 9.23.1 Zhuzhou CRRC Times Electric SiC Diodes Basic Information
  - 9.23.2 Zhuzhou CRRC Times Electric SiC Diodes Product Overview
  - 9.23.3 Zhuzhou CRRC Times Electric SiC Diodes Product Market Performance
  - 9.23.4 Zhuzhou CRRC Times Electric Business Overview
  - 9.23.5 Zhuzhou CRRC Times Electric Recent Developments
- 9.24 China Resources Microelectronics Limited
  - 9.24.1 China Resources Microelectronics Limited SiC Diodes Basic Information
  - 9.24.2 China Resources Microelectronics Limited SiC Diodes Product Overview
  - 9.24.3 China Resources Microelectronics Limited SiC Diodes Product Market Performance
  - 9.24.4 China Resources Microelectronics Limited Business Overview
  - 9.24.5 China Resources Microelectronics Limited Recent Developments
- 9.25 Yangzhou Yangjie Electronic Technology
  - 9.25.1 Yangzhou Yangjie Electronic Technology SiC Diodes Basic Information
  - 9.25.2 Yangzhou Yangjie Electronic Technology SiC Diodes Product Overview
  - 9.25.3 Yangzhou Yangjie Electronic Technology SiC Diodes Product Market Performance
  - 9.25.4 Yangzhou Yangjie Electronic Technology Business Overview
  - 9.25.5 Yangzhou Yangjie Electronic Technology Recent Developments
- 9.26 Changzhou Galaxy Century Microelectronics
  - 9.26.1 Changzhou Galaxy Century Microelectronics SiC Diodes Basic Information
  - 9.26.2 Changzhou Galaxy Century Microelectronics SiC Diodes Product Overview
  - 9.26.3 Changzhou Galaxy Century Microelectronics SiC Diodes Product Market Performance
  - 9.26.4 Changzhou Galaxy Century Microelectronics Business Overview
  - 9.26.5 Changzhou Galaxy Century Microelectronics Recent Developments

## **10 SiC DIODES MARKET FORECAST BY REGION**

- 10.1 Global SiC Diodes Market Size Forecast
- 10.2 Global SiC Diodes Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe SiC Diodes Market Size Forecast by Country
  - 10.2.3 Asia Pacific SiC Diodes Market Size Forecast by Region
  - 10.2.4 South America SiC Diodes Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of SiC Diodes by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

- 11.1 Global SiC Diodes Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of SiC Diodes by Type (2025-2030)
  - 11.1.2 Global SiC Diodes Market Size Forecast by Type (2025-2030)
  - 11.1.3 Global Forecasted Price of SiC Diodes by Type (2025-2030)
- 11.2 Global SiC Diodes Market Forecast by Application (2025-2030)
  - 11.2.1 Global SiC Diodes Sales (K Units) Forecast by Application
  - 11.2.2 Global SiC Diodes Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. SiC Diodes Market Size Comparison by Region (M USD)
- Table 5. Global SiC Diodes Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global SiC Diodes Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global SiC Diodes Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global SiC Diodes Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in SiC Diodes as of 2022)
- Table 10. Global Market SiC Diodes Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers SiC Diodes Sales Sites and Area Served
- Table 12. Manufacturers SiC Diodes Product Type
- Table 13. Global SiC Diodes Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of SiC Diodes
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. SiC Diodes Market Challenges
- Table 22. Global SiC Diodes Sales by Type (K Units)
- Table 23. Global SiC Diodes Market Size by Type (M USD)
- Table 24. Global SiC Diodes Sales (K Units) by Type (2019-2024)
- Table 25. Global SiC Diodes Sales Market Share by Type (2019-2024)
- Table 26. Global SiC Diodes Market Size (M USD) by Type (2019-2024)
- Table 27. Global SiC Diodes Market Size Share by Type (2019-2024)
- Table 28. Global SiC Diodes Price (USD/Unit) by Type (2019-2024)
- Table 29. Global SiC Diodes Sales (K Units) by Application
- Table 30. Global SiC Diodes Market Size by Application
- Table 31. Global SiC Diodes Sales by Application (2019-2024) & (K Units)
- Table 32. Global SiC Diodes Sales Market Share by Application (2019-2024)
- Table 33. Global SiC Diodes Sales by Application (2019-2024) & (M USD)



- Table 34. Global SiC Diodes Market Share by Application (2019-2024)
- Table 35. Global SiC Diodes Sales Growth Rate by Application (2019-2024)
- Table 36. Global SiC Diodes Sales by Region (2019-2024) & (K Units)
- Table 37. Global SiC Diodes Sales Market Share by Region (2019-2024)
- Table 38. North America SiC Diodes Sales by Country (2019-2024) & (K Units)
- Table 39. Europe SiC Diodes Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific SiC Diodes Sales by Region (2019-2024) & (K Units)
- Table 41. South America SiC Diodes Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa SiC Diodes Sales by Region (2019-2024) & (K Units)
- Table 43. STMicroelectronics SiC Diodes Basic Information
- Table 44. STMicroelectronics SiC Diodes Product Overview
- Table 45. STMicroelectronics SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. STMicroelectronics Business Overview
- Table 47. STMicroelectronics SiC Diodes SWOT Analysis
- Table 48. STMicroelectronics Recent Developments
- Table 49. Infineon SiC Diodes Basic Information
- Table 50. Infineon SiC Diodes Product Overview
- Table 51. Infineon SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Infineon Business Overview
- Table 53. Infineon SiC Diodes SWOT Analysis
- Table 54. Infineon Recent Developments
- Table 55. Wolfspeed SiC Diodes Basic Information
- Table 56. Wolfspeed SiC Diodes Product Overview
- Table 57. Wolfspeed SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Wolfspeed SiC Diodes SWOT Analysis
- Table 59. Wolfspeed Business Overview
- Table 60. Wolfspeed Recent Developments
- Table 61. Rohm SiC Diodes Basic Information
- Table 62. Rohm SiC Diodes Product Overview
- Table 63. Rohm SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. Rohm Business Overview
- Table 65. Rohm Recent Developments
- Table 66. onsemi SiC Diodes Basic Information
- Table 67. onsemi SiC Diodes Product Overview
- Table 68. onsemi SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and

## Gross Margin (2019-2024)

Table 69. onsemi Business Overview

Table 70. onsemi Recent Developments

Table 71. Microchip (Microsemi) SiC Diodes Basic Information

Table 72. Microchip (Microsemi) SiC Diodes Product Overview

Table 73. Microchip (Microsemi) SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Microchip (Microsemi) Business Overview

Table 75. Microchip (Microsemi) Recent Developments

Table 76. Mitsubishi Electric (Vincotech) SiC Diodes Basic Information

Table 77. Mitsubishi Electric (Vincotech) SiC Diodes Product Overview

Table 78. Mitsubishi Electric (Vincotech) SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Mitsubishi Electric (Vincotech) Business Overview

Table 80. Mitsubishi Electric (Vincotech) Recent Developments

Table 81. Semikron Danfoss SiC Diodes Basic Information

Table 82. Semikron Danfoss SiC Diodes Product Overview

Table 83. Semikron Danfoss SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Semikron Danfoss Business Overview

Table 85. Semikron Danfoss Recent Developments

Table 86. Fuji Electric SiC Diodes Basic Information

Table 87. Fuji Electric SiC Diodes Product Overview

Table 88. Fuji Electric SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Fuji Electric Business Overview

Table 90. Fuji Electric Recent Developments

Table 91. Navitas (GeneSiC) SiC Diodes Basic Information

Table 92. Navitas (GeneSiC) SiC Diodes Product Overview

Table 93. Navitas (GeneSiC) SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Navitas (GeneSiC) Business Overview

Table 95. Navitas (GeneSiC) Recent Developments

Table 96. Toshiba SiC Diodes Basic Information

Table 97. Toshiba SiC Diodes Product Overview

Table 98. Toshiba SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Toshiba Business Overview

Table 100. Toshiba Recent Developments

- Table 101. Qorvo (UnitedSiC) SiC Diodes Basic Information
- Table 102. Qorvo (UnitedSiC) SiC Diodes Product Overview
- Table 103. Qorvo (UnitedSiC) SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Qorvo (UnitedSiC) Business Overview
- Table 105. Qorvo (UnitedSiC) Recent Developments
- Table 106. San'an Optoelectronics SiC Diodes Basic Information
- Table 107. San'an Optoelectronics SiC Diodes Product Overview
- Table 108. San'an Optoelectronics SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. San'an Optoelectronics Business Overview
- Table 110. San'an Optoelectronics Recent Developments
- Table 111. Littelfuse (IXYS) SiC Diodes Basic Information
- Table 112. Littelfuse (IXYS) SiC Diodes Product Overview
- Table 113. Littelfuse (IXYS) SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. Littelfuse (IXYS) Business Overview
- Table 115. Littelfuse (IXYS) Recent Developments
- Table 116. CETC 55 SiC Diodes Basic Information
- Table 117. CETC 55 SiC Diodes Product Overview
- Table 118. CETC 55 SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. CETC 55 Business Overview
- Table 120. CETC 55 Recent Developments
- Table 121. WeEn Semiconductors SiC Diodes Basic Information
- Table 122. WeEn Semiconductors SiC Diodes Product Overview
- Table 123. WeEn Semiconductors SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 124. WeEn Semiconductors Business Overview
- Table 125. WeEn Semiconductors Recent Developments
- Table 126. BASiC Semiconductor SiC Diodes Basic Information
- Table 127. BASiC Semiconductor SiC Diodes Product Overview
- Table 128. BASiC Semiconductor SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 129. BASiC Semiconductor Business Overview
- Table 130. BASiC Semiconductor Recent Developments
- Table 131. SemiQ SiC Diodes Basic Information
- Table 132. SemiQ SiC Diodes Product Overview
- Table 133. SemiQ SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and

**Gross Margin (2019-2024)**

Table 134. SemiQ Business Overview

Table 135. SemiQ Recent Developments

Table 136. KEC Corporation SiC Diodes Basic Information

Table 137. KEC Corporation SiC Diodes Product Overview

Table 138. KEC Corporation SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 139. KEC Corporation Business Overview

Table 140. KEC Corporation Recent Developments

Table 141. PANJIT Group SiC Diodes Basic Information

Table 142. PANJIT Group SiC Diodes Product Overview

Table 143. PANJIT Group SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 144. PANJIT Group Business Overview

Table 145. PANJIT Group Recent Developments

Table 146. Nexperia SiC Diodes Basic Information

Table 147. Nexperia SiC Diodes Product Overview

Table 148. Nexperia SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 149. Nexperia Business Overview

Table 150. Nexperia Recent Developments

Table 151. Vishay Intertechnology SiC Diodes Basic Information

Table 152. Vishay Intertechnology SiC Diodes Product Overview

Table 153. Vishay Intertechnology SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 154. Vishay Intertechnology Business Overview

Table 155. Vishay Intertechnology Recent Developments

Table 156. Zhuzhou CRRC Times Electric SiC Diodes Basic Information

Table 157. Zhuzhou CRRC Times Electric SiC Diodes Product Overview

Table 158. Zhuzhou CRRC Times Electric SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 159. Zhuzhou CRRC Times Electric Business Overview

Table 160. Zhuzhou CRRC Times Electric Recent Developments

Table 161. China Resources Microelectronics Limited SiC Diodes Basic Information

Table 162. China Resources Microelectronics Limited SiC Diodes Product Overview

Table 163. China Resources Microelectronics Limited SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 164. China Resources Microelectronics Limited Business Overview

Table 165. China Resources Microelectronics Limited Recent Developments

Table 166. Yangzhou Yangjie Electronic Technology SiC Diodes Basic Information

Table 167. Yangzhou Yangjie Electronic Technology SiC Diodes Product Overview

Table 168. Yangzhou Yangjie Electronic Technology SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 169. Yangzhou Yangjie Electronic Technology Business Overview

Table 170. Yangzhou Yangjie Electronic Technology Recent Developments

Table 171. Changzhou Galaxy Century Microelectronics SiC Diodes Basic Information

Table 172. Changzhou Galaxy Century Microelectronics SiC Diodes Product Overview

Table 173. Changzhou Galaxy Century Microelectronics SiC Diodes Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 174. Changzhou Galaxy Century Microelectronics Business Overview

Table 175. Changzhou Galaxy Century Microelectronics Recent Developments

Table 176. Global SiC Diodes Sales Forecast by Region (2025-2030) & (K Units)

Table 177. Global SiC Diodes Market Size Forecast by Region (2025-2030) & (M USD)

Table 178. North America SiC Diodes Sales Forecast by Country (2025-2030) & (K Units)

Table 179. North America SiC Diodes Market Size Forecast by Country (2025-2030) & (M USD)

Table 180. Europe SiC Diodes Sales Forecast by Country (2025-2030) & (K Units)

Table 181. Europe SiC Diodes Market Size Forecast by Country (2025-2030) & (M USD)

Table 182. Asia Pacific SiC Diodes Sales Forecast by Region (2025-2030) & (K Units)

Table 183. Asia Pacific SiC Diodes Market Size Forecast by Region (2025-2030) & (M USD)

Table 184. South America SiC Diodes Sales Forecast by Country (2025-2030) & (K Units)

Table 185. South America SiC Diodes Market Size Forecast by Country (2025-2030) & (M USD)

Table 186. Middle East and Africa SiC Diodes Consumption Forecast by Country (2025-2030) & (Units)

Table 187. Middle East and Africa SiC Diodes Market Size Forecast by Country (2025-2030) & (M USD)

Table 188. Global SiC Diodes Sales Forecast by Type (2025-2030) & (K Units)

Table 189. Global SiC Diodes Market Size Forecast by Type (2025-2030) & (M USD)

Table 190. Global SiC Diodes Price Forecast by Type (2025-2030) & (USD/Unit)

Table 191. Global SiC Diodes Sales (K Units) Forecast by Application (2025-2030)

Table 192. Global SiC Diodes Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of SiC Diodes
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global SiC Diodes Market Size (M USD), 2019-2030
- Figure 5. Global SiC Diodes Market Size (M USD) (2019-2030)
- Figure 6. Global SiC Diodes Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. SiC Diodes Market Size by Country (M USD)
- Figure 11. SiC Diodes Sales Share by Manufacturers in 2023
- Figure 12. Global SiC Diodes Revenue Share by Manufacturers in 2023
- Figure 13. SiC Diodes Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market SiC Diodes Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by SiC Diodes Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global SiC Diodes Market Share by Type
- Figure 18. Sales Market Share of SiC Diodes by Type (2019-2024)
- Figure 19. Sales Market Share of SiC Diodes by Type in 2023
- Figure 20. Market Size Share of SiC Diodes by Type (2019-2024)
- Figure 21. Market Size Market Share of SiC Diodes by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global SiC Diodes Market Share by Application
- Figure 24. Global SiC Diodes Sales Market Share by Application (2019-2024)
- Figure 25. Global SiC Diodes Sales Market Share by Application in 2023
- Figure 26. Global SiC Diodes Market Share by Application (2019-2024)
- Figure 27. Global SiC Diodes Market Share by Application in 2023
- Figure 28. Global SiC Diodes Sales Growth Rate by Application (2019-2024)
- Figure 29. Global SiC Diodes Sales Market Share by Region (2019-2024)
- Figure 30. North America SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 31. North America SiC Diodes Sales Market Share by Country in 2023
- Figure 32. U.S. SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada SiC Diodes Sales (K Units) and Growth Rate (2019-2024)

- Figure 34. Mexico SiC Diodes Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe SiC Diodes Sales Market Share by Country in 2023
- Figure 37. Germany SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific SiC Diodes Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific SiC Diodes Sales Market Share by Region in 2023
- Figure 44. China SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America SiC Diodes Sales and Growth Rate (K Units)
- Figure 50. South America SiC Diodes Sales Market Share by Country in 2023
- Figure 51. Brazil SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa SiC Diodes Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa SiC Diodes Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa SiC Diodes Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global SiC Diodes Sales Forecast by Volume (2019-2030) & (K Units)
- Figure 62. Global SiC Diodes Market Size Forecast by Value (2019-2030) & (M USD)
- Figure 63. Global SiC Diodes Sales Market Share Forecast by Type (2025-2030)
- Figure 64. Global SiC Diodes Market Share Forecast by Type (2025-2030)
- Figure 65. Global SiC Diodes Sales Forecast by Application (2025-2030)
- Figure 66. Global SiC Diodes Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global SiC Diodes Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G0360AF8A5A5EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0360AF8A5A5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970